Attorney Docket No.: P16330

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lei Shao

Application No: 10/789,387

Filed: 02-26-2004

For: AN APPARATUS AND ASSOCIATED METHODS TO INTRODUCE DIVERSITY IN

A MULTICARRIER CHANNEL)

CERTIFICATE OF MAILING/TRANSMISSION

Examiner: Nguyen, Leor

Art Unit: 2611

Mail Stop: AF

I hereby certify that this correspondence is being submitted HONORABLE COMMISSIONER FOR PATENTS electronically via EFS Web on the date shown below.

PO Box 1450

Alexandria, Virginia 22313-1450

/Michelle L. Evans/

11/20/07

Michelle L. Evans

Date

AMENDMENT AND RESPONSE

Dear Sir:

This response is provided to the Final Office Action (hereafter, the Action) mailed September 20, 2007. In view of the following amendments and subsequent remarks, favorable reconsideration of the above captioned application is respectfully requested.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 3 of this paper.